

1 CLAIMS

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3 1. One or more computer readable media having stored thereon a
4 plurality of instructions that, when executed by one or more processors, causes the
5 one or more processors to:

6 identify whether a message queue for a targeted recipient of a new message
7 has more than a threshold number of messages;

8 if the queue does not have more than the threshold number of messages
9 then add the new message to the message queue; and

10 if the queue does have more than the threshold number of messages, then:

11 determine, based on a sender of the new message, one of the
12 messages in the message queue to delete from the message queue,

13 delete the one message from the message queue, and

14 add the new message to the message queue.
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16 2. One or more computer readable media as recited in claim 1, wherein
17 to determine one of the messages in the message queue to delete from the message
18 queue is to:

19 identify a title that sent the new message;

20 determine whether more than a second threshold number of messages from
21 the title are in the message queue; and

22 if more than the second threshold number of messages from the title are in
23 the message queue, then identify as the one message the oldest message in the
24 message queue from the title.
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2 3. One or more computer readable media as recited in claim 2, wherein
3 if more than the second threshold number of messages from the title are not in the
4 message queue, then identify as the one message the oldest message in the
5 message queue regardless of the title that sent the new message.
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7 4. One or more computer readable media as recited in claim 1, wherein
8 to determine one of the messages in the message queue to delete from the message
9 queue is to:

10 identify a user that sent the new message;

11 determine whether more than a second threshold number of messages from
12 the user are in the message queue; and

13 if more than the second threshold number of messages from the user are in
14 the message queue, then identify as the one message the oldest message in the
15 message queue from the user.
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17 5. One or more computer readable media as recited in claim 4, wherein
18 if more than the second threshold number of messages from the user are not in the
19 message queue, then identify as the one message the oldest message in the
20 message queue regardless of the user that sent the new message.
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22 6. One or more computer readable media as recited in claim 1,
23 identify a title that sent the new message;
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1 determine whether more than a second threshold number of messages from
2 the title are in the message queue;

3 if more than the second threshold number of messages from the title are in
4 the message queue, then identify as the one message the oldest message in the
5 message queue from the title; and

6 if more than the second threshold number of messages from the title are not
7 in the message queue, then:

8 identify a user that sent the new message;

9 determine whether more than a third threshold number of messages
10 from the user are in the message queue;

11 if more than the third threshold number of messages from the user
12 are in the message queue, then identify as the one message the oldest
13 message in the message queue from the user; and

14 if more than the third threshold number of messages from the user
15 are not in the message queue, then identify as the one message the oldest
16 message in the message queue regardless of the user that sent the new
17 message and regardless of the title that sent the new message.

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19 7. One or more computer readable media as recited in claim 1, wherein
20 one or more messages may not be deleted from the message queue, and wherein to
21 determine one of the messages in the message queue to delete from the message
22 queue is to determine one of the messages that is not included in the one or more
23 messages that may not be deleted from the message queue.
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1 8. A method for intelligent message deletion, the method comprising:
2 identifying a message queue associated with a targeted recipient of a
3 message;
4 checking, based on an identity of a sender of the message, whether one or
5 more criteria regarding the message queue are satisfied;
6 if the one or more criteria regarding the message queue are satisfied then
7 determining, based at least in part on the identity of the sender, which of a
8 plurality of messages is to be deleted from the message queue;
9 if the one or more criteria regarding the sender are not satisfied, then
10 identifying an oldest message of the plurality of messages and deleting the oldest
11 message from the message queue; and
12 adding the message to the queue.

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14 9. A method as recited in claim 8, further comprising:
15 performing the identifying and checking only if greater than a threshold
16 quantity of messages are in the plurality of messages; and
17 keeping the plurality of messages in the message queue without deleting
18 any of the plurality of messages from the message queue if greater than the
19 threshold quantity of messages are not in the plurality of messages.

1 **10.** A method as recited in claim 8, the checking whether one or more
2 criteria regarding the message queue are satisfied comprises checking whether the
3 plurality of messages includes a threshold quantity of messages having a sender
4 identity that is the same as the identity of the sender of the message.

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6 **11.** A method as recited in claim 8, wherein the one or more criteria
7 include whether more than a first threshold number of messages sent by a title that
8 sent the message are in the message queue, and whether more than a second
9 threshold number of messages sent by a user that sent the message are in the
10 message queue.

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12 **12.** A method as recited in claim 8, the sender comprising a user of a
13 game console.

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15 **13.** A method as recited in claim 8, the sender comprising a game title.

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17 **14.** A system comprising:
18 a memory to store a message queue; and
19 an intelligent message deletion module to add a newly received message to
20 the message queue and delete a previously received message from the message
21 queue based at least in part on an identity of a sender of the newly received
22 message.

1 **15.** A system as recited in claim 14, wherein the message queue is
2 associated with a targeted recipient of the newly received message.

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4 **16.** A system as recited in claim 14, wherein the intelligent message
5 deletion module selects which previously received message to delete from the
6 message queue based at least in part on a title that sent the newly received
7 message.

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9 **17.** A system as recited in claim 16, wherein the intelligent message
10 deletion module selects the oldest message in the message queue if greater than a
11 threshold number of messages from the title that sent the newly received message
12 are not in the message queue.

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14 **18.** A system as recited in claim 14, wherein the intelligent message
15 deletion module selects which previously received message to delete from the
16 message queue based at least in part on a user that sent the newly received
17 message.

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19 **19.** A system as recited in claim 18, wherein the intelligent message
20 deletion module selects the oldest message in the message queue if greater than a
21 threshold number of messages from the user that sent the newly received message
22 are not in the message queue.

1 **20.** A system as recited in claim 14, wherein the intelligent message
2 deletion module selects which previously received message to delete from the
3 message queue based at least in part on a title that sent the newly received
4 message and based at least in part on a user that sent the newly received message.

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